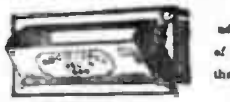
VENTILATION—PURE AIR.

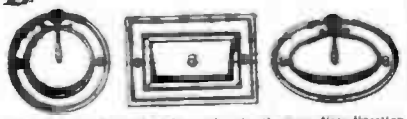


Sherringham's Ventilator, for the admission of pure air through an EXTERNAL WALL.

With single pulley, from 6s. each: with leading pulley, from 8s. 6d.

These Ventilators are so arranged that the requisite quantity of air may be admitted for the due ventilation of an apartment without the slightest draught being felt by the occupants; and as they are placed in the external wall, their action is not impeded when the room is closed for the evening, at which time a constant supply of fresh air is most required.—HAYWARD, BROTHERS, and Manufacturers, 198, Blackfriars-road, and 117, Union-street, Borough; and of all respectable iron mongers, builders, &c.

DR. ARNOTT'S CHIMNEY VALVE.



as made on the true principles, and under the immediate direction of Dr. Arnott. These Ventilators are to be had of P. EDWARDS, the sole original manufacturer of the valve, in a variety of shapes and sizes, and at greatly reduced prices. Prospectus, with full particulars, on application.

A PRIZE MEDAL has been awarded to P. EDWARDS for the ARNOTT'S STOVES exhibited by him at the Great Exhibition.

43, Poland-street, Oxford-street, London.

DR. ARNOTT'S VENTILATING CHIMNEY VALVE.

With internal action, and all the latest improvements. Constructed for the ventilation of apartments generally.

REDUCED LIST OF PRICES—SUBJECT TO THE TRADE DISCOUNT.

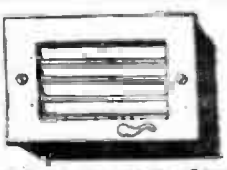
	Three size, 11 by 4.	Second size, 10 by 3
Plain Iron Valve	£ 6 0	£ 9 0
Bronzed and Leathered	7 0	10 0
Japanned, white with Gold lines	11 0	16 0
Ditto with Trellis-work	17 0	25 0
Brass Front, lacqd. or bronzed	13 0	19 0
Ditto with Trellis work	19 0	27 0

Ventilators of any description made to order.

Manufactured by HART and SONS, 82, 84, 86, Wych-street, Strand, London.—Post-office orders payable at 268, Strand.

A PRIZE MEDAL for SUPERIOR LOCKS was awarded to J. H. BOOBBYER at the Great Exhibition of 1851.

REGISTERED VENETIAN VENTILATOR.



For admission of external air or carrying off impure air from rooms, from 6s. 6d. each.—Class 23, Great Exhibition.

J. H. BOOBBYER and Co., Ironmongery, Brass Foundry, Nail and Tool Warehouse, 14, Southampton-street, Clare-market, London. Established nearly 200 years for the sale of goods from the best manufactories at the lowest prices.

NOIRSAIN'S VENTILATING GRATES and STOVES.—A long sought-for desideratum at last obtained. Great Economy in Fuel.—entire Prevention of Smoking in Chimneys—and Perfect Regulation of the Temperature of Rooms, effected by the new Ventilating Grates, which may be applied to any fire-place.

The Proprietors solicit the attention of the public and scientific men to the patent apparatus,—the utility and superior advantages of which will be satisfactorily demonstrated at the Depôt, 131, REGENT-STREET, to any visitor. The highest testimonials given. Prices, from Two Guineas upwards. S. REDD, Agent.

TOZER'S PATENT VENTILATING GAS STOVE, for halls, shops, offices, &c., price 30s. This stove is constructed on the principle of ventilation, combined with economy, the consumption of gas being only 3d. for twelve hours. The absorption of all smoke and dust particularly recommends it for the use of libraries or wherever warmth is required. Also TOZER'S PATENT SUN STOVE, to burn coke, suitable for village churches, &c.—T. TOZER, Ironmonger and Manufacturer, 88, Dean-street, Soho.

TO INVALIDS.

GAS STOVES for BED-ROOMS.—The superior advantages of these stoves are, that any desired temperature can be obtained, day and night, without the least attendance, and perfectly free from dust or dirt; the products of combustion can also be taken out of the room and ventilation obtained, leaving only a genial warm atmosphere.

CHARLES RICKETTS, Manufacturer, 5, Arundel-street, Strand, opposite Charing-cross Hospital.

MANUFACTURERS to the TRADE of COOKING STOVES, by GAS or FUEL, either close or open. Register, Elliptic, and every description of Grate, of the best designs, including those with fire-brick back.

Bright Stoves, for dressing rooms.

Hot Air Stoves, for public buildings, shops, or halls, with ascending or descending flue.

Ship and Yacht Stoves, for cooking and warming.

Cranes, Jibs, &c.

Railing and Balcony Work.

Fire and Garden Engines, and every variety of Force and Lift Pumps.

Wrought-iron FIRE-PROOF BOOK SAFES and Deed Boxes; also in cast-iron.

Iron Bedsteads and Cots of all kinds.

Rain Water and Steam applied for heating buildings of any size and description.

GRIGG and JENKINSON, in addition to the articles enumerated, manufacture all kinds of Ironwork; and as everything is executed on their own premises, under their immediate superintendence, they can offer great facilities in price, &c. They respectfully solicit a trial.

GRIGG and JENKINSON, Finsbury Iron Works, 119 and 120, Bunhill-row, London.

GREAT EXHIBITION. — DRAWING-ROOM GRATES and FENDERS in which the ONLY METAL was AWARDED.

J. B. BEHAM and SONS beg to announce that they have just received Grates and Fenders, which were so generally admired for their splendid design and admirable workmanship, and now on view in their EXTENSIVE SHOW-ROOMS, and respectfully invite the Nobility, Trade and Others engaged in Building to inspect them.

WARM AIR STOVES for CHURCHES, HALLS, &c. for simple in construction, ornamental in design, and thoroughly efficient, of various sizes and prices.

J. L. BENHAM and SONS' MANUFACTORY and SHOW-ROOMS, 19, WIGMORE-STREET, CAVENDISH-SQUARE.

PRIZE MEDAL for COOKING APPARATUS awarded to J. L. BENHAM and SONS.

The IMPROVED FAMILY RANGE will roast, boil, bake, fry, &c. &c., for a large family, with an average consumption of only 28lbs. of coal per day. To be seen open fire, is perfectly simple, and of no domestic trouble.

Specimens of these excellent and economical Ranges, and also of the most improved Broiling Stoves, Hot-plates, Kitchen Boilers, &c. &c., are constantly in USE (not for show) at the MANUFACTORY and SHOW-ROOMS. A fine Cooking Apparatus is in daily operation.

J. L. BENHAM and SONS', Stove, Range, and Bath Manufacturers, Hot-water and Gas Engineers, &c., 19, WIGMORE-STREET, CAVENDISH-SQUARE, LONDON.

TO BUILDERS, CARPENTERS, CABINET-MAKERS, &c.

JOHN DALE, 18 and 19, Chiswell-street, Finsbury-square, respectfully invites the above Trades to the inspection of his immense stock of Ironmongery, which cannot be surpassed in variety, quality, and cheapness by any house in London.

Elliptic Stoves, double backs, 8jd. per inch, and upwards.

Register Stoves, 4jd. 5d. 6d. 6½d. 7½d. per inch.

Self-acting Ranges, with circular ovens and back boilers, bent wrought bars and bright fittings:—

3 ft., 3l. 10s.; 3 ft. 6 in., 3l. 18s.; 4 ft., 4l. 12s.

3-feet Cottage Ranges, with ovens and back boilers, 33s. each.

3-feet self-acting ditto, ditto, 34s. each.

Air Bricks, 3s. 3d. per doz.

1-inch Cut Lath Nails, 12s. 6d. per cwt.

Best Patent Cut Clasp.

1½	1¼	1	¾	½ inch and larger,
14s. 6d.	14s.	13s.	12s. 6d.	12s. per cwt.

Best Sheet Floor Brads, 11s. 6d. per cwt.

Best Town Glue, 20s. Ditto, Scotch, 8½s. per cwt.

Best Patent Sash Line

1	2	3	4	5	6
4s.	4s. 6d.	5s. 6d.	7s.	8s.	10s. 6d. per gross

List of Prices had on application at the Warehouse, or by letter prepaid.

CLARK and HUNT'S IRONMONGERY, STOVE and METAL WAREHOUSE, 139, Shoreditch.

Improved Self-acting Cottage Ranges, with Large Oven and Boiler: 30 in. 32 in. 34 in. 36 inch. £2 0s. £2 5s. £2 10s. £2 15s.

Best Self-acting Ranges, with Oven and Back Boiler, Bright Wrought Bars: 34 in. 36 in. 42 inch. £3 5s. £3 10s. £3 15s. £4 5s.

Strong Elliptic Stoves, with Extra Back and Solid Bars, per inch, 9½d.

Register Stoves, with Solid Bars, per inch, 5d. Best Solar ditto, with Fire Brick Back, per inch, 10d.

Bright Stoves, with Two Fires, 30s. to 100s. each.

Cast Rain-water Pipe: 2 in. 3 in. 4 inch. 5d. 7½d. 1s. per yard.

Cast Gutters, 4 inch, 8d. per yard.

O. G. Gutters: 4 in. 6 in. 11d. 1s. per yard.

Best Cut Clasp and Rose: 1 in. ¾ in. ½ inch. 14s. 6d. 13s. 12s. 6d. 12s. per cwt.

Sheet Flooring Brads, 11s. 6d. per cwt.

1-inch Cut Lath, 12s. 6d. Cast Lath, 8s. 6d.

6-inch 3-Bolt Sd. Ward Morticé, with best Furniture and Patent Spindles, 2s. 9d. Light Elliptic and Register Metal, 12s. per cwt.

Hot Water Pipes, 8s. 6d. per cwt.

Dr. Arnott's Ventilators, 5s. each.

An extensive stock of bar, rod, hoop, and sheet iron.

Clark and Hunt's Improved Glass Paper.

IRON FOUNDRY, 80, Goswell-street (late of Brick-lane, St. Luke's).—J. JOHNS, having made great additions to his STOCK of PATTERNS, begs to inform the Trade, that he can now supply them with Plain and Ornamental Iron Columns, Girders, Railings, Gates, Iron Coping, Balconies, Window Guards, Verandahs, Ornamental Staircase Panels, Iron Staircases, Tomb Enclosures, Trellis Panelling, Lamp and other Brackets, Garden Vases, Newel Bars, Water Closet Work, Area Gratings, Fly and other Wheels, Wheel Plates, &c.

BAKERS' OVEN WORK, Forge Backs and Troughs, Rain Water Pipes and Gutters, Sash Weights, Furnace Bars, Stoves, Ranges, &c., always in stock.

FOUNDRY AND IRON WORKS, 93, DRURY-LANE, and CHARLES-STREET, DRURY-LANE. GLOVER, BROS.,

Solicit the attention of the Trade to their extensive Stock of PATTERNS for CASTINGS of EVERY DESCRIPTION, either structural or ornamental.

Patterns of Girders, Columns, Balconies, Railing, Ornamental Carriage and Park Gates, Lamp and Street Posts, Tanks, Pipes, Wheels, Pinions, Ladles, and Steam-engines; Ranges and Hot-plate Stoves. An improved Street Door adapted for internal work.

A large stock of Rain-water Pipes, Plain and O.G. Gutters, Air-bricks, Sash Weights, Air-tight Sewer Grates, Stable Fittings, Hurdles, &c.

Plain and Ornamental Vases 20 per cent. cheaper than Terra-cotta.

Estimates given for Iron Buildings, Wrought-iron Roofing, Greenhouses, Staircases, Wrought-iron Girders, Fireproof Doors, Book-safes and Strong Rooms, Tanks and Boilers, and every description of iron-work to specification, and the work executed with every attention to quality and despatch.

GLOVERS' IRONWORKS, 168, DRURY-LANE, and CHARLES-STREET.

IRON HURDLES. — Great Reduction. — For Sheep, 6 ft. long, 3 ft. above ground, five bars, 2s. 4d. each.

For Cattle, ditto, 5 ft. 3 in., ditto, 3s. 9d. each.

Strained Wire Fences, 2 ft. 6 in. ditto, six wires, standards, 6 ft. apart: 1d. per yard.

Ditto with Extra Strong Standards: 1½d. per yard.

Worse wire netting for excluding hares, rabbits, poultry, &c., of various widths, 1d. per square foot and upwards; wrought and cast-iron palisading, gates, and ornamental garden fences, of every variety. Gas and lamp brackets, with iron frame and hopper, brass lamps and regulating screw, 4s. 6d. each. Dead engines, of best construction, metallic plungers, and fly-wheel, with two barrels, to cut sixteen buckets per hour, 4l. 4s. each. Garden or stable pumps, 45s. Wrought-iron wheelbarrows, 20s.

STEPHENSON and PHILL, 41, Gracechurch-street, City; and at the Manufactory, 17, New Park-street, Southwark.

TO IRONMASTERS, RAILWAY DIRECTORS, ENGINEERS, and FOUNDERS.—The Subscriber having been appointed SOLE AGENT in LONDON for the SALE of Mr. MORRIES STERLING'S PATENT IRON, begs to intimate that he is prepared to supply railway companies, engineers, and founders, with the PATENT MALLEABLE and TOUGHENED CAST IRON, and that all orders addressed to him for these, and also for RAILS, with hardened surfaces, shall have his prompt attention. Specimens of the different irons shown, and every information afforded on application. Information as to the terms of license under Mr. Sterling's Patents will be given by the Subscriber, and also by Mr. JEE, C.E., 6, John-street, Adelphi.

Peel's Wharf, 20, Upper Thames-street. A. MACSACOBY.

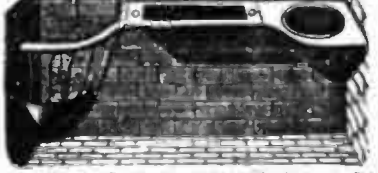
WARMING by HOT WATER.—J. WEEKS and CO., King's-road, Chelsea.—A great variety of plain and ornamental apparatuses, consisting of Coils, Saddle Boilers, and Pipes for warming Churches, Mansions, Warehouses, Conservatories, Greenhouses, Pits, &c.—To be seen in operation on each Premises at Chelsea, and also at J. WEEKS'S extensive curious repository, Hadlow-street, Hadlow-road, Chelsea.

WARMING and VENTILATING.—Churches, Conservatories, Hot-houses, &c., heated by the new HOT-WATER apparatus, fitted with most efficient and simple boilers, self-feeding Grates (by night and requiring no hand work). Also, the THERMAUTERION, a simple and improved Warm-air Apparatus, that is specially adapted for building or setting to be warmed (may be removed). Apply to SPILLER and TAYLER, Engineers, Battersea.

WARMING and VENTILATING.—CUTTAM and HALLEN, 2, Winsley-street, Oxford-street, in the best and most recent specimens, are having carried out by the greatest part of both their warerooms of PORTABLE THERMAL FURNACES, consisting of Chamber, Private, Bespoke Apparatus, Hall, Staircase, Gallery, Conservatories, Forcing-houses, &c., can with confidence recommend their system, which, by the various improvements they have made, has PERFECTED THE CONSTRUCTION AND ECONOMIZED THE EXPENSE. Greenhouses, Conservatories, Verandahs, constructed entirely of iron or wood, and of iron and wood combined. Estimates and applications.

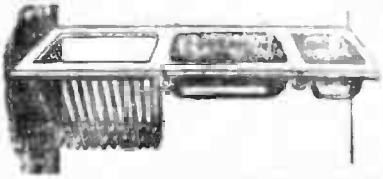
CUTTAM and HALLEN, Engineers and Iron-founders, 2, Winsley-street, Oxford-street, London.

EXHIBITION PRIZE MEDAL for SAMUEL HOOD and Co.'s ENAMELLED STABLE FITTINGS. (See Times, Oct. 16.)



SAMUEL HOOD and Co., Castings Warehouse, 41, Upper Thames-street. REGISTERED STABLE FITTINGS, Mangers, columns, hot water pipes, rain water pipes, corve, grates, cash weights, &c., at the lowest prices. A powerful hydraulic PROVING-MACHINE for GIRDERS on hire.

PRIZE MEDAL of the Great Exhibition to CUTTAM and HALLEN, 2, Winsley-street, Oxford-street, London.



ENAMELLED MANGERS and STABLE FITMENTS Registered. Economy, durability, appearance, cleanliness, comfort to the horse when feeding, and being rendered impervious to any infection by enamel, are some of the improvements in the fitments. No post or front bearer required in fixing.—CUTTAM and HALLEN, 2, Winsley-street, Oxford-street, London.

SALE of IRONMONGERY, 36, KING-WILLIAM-STREET, London-bridge.—DANIEL GILES (late Green and Constable), begs to inform his friends and the public that in consequence of his retiring from business, the sale of his extensive and well-selected Stock of Furnishing, Cabinet, and Builders' Ironmongery will be immediately sold off at a considerable reserve.—36, King William-street, London-bridge.

COLLINGE'S PATENT HINGES.—Sole Manufacturers, CHARLES COLLINGE and Co., 46 and 48, Bridge-road, Lambeth, where a great variety are always on view for church, park, railroad, coachhouse, and other gate and door hinges of large and small dimensions. A gate of a ton weight, hung with these hinges as easily as a wicket. Ornamental hinges adapted for drawing-rooms, &c.; doors fitted with them may be removed and replaced in an instant. Rising and double-acting spring hinges, and superior gate fastenings, at moderate prices. None genuine unless marked "Charles Collinge, Patent, Lambeth." Plain and ornamental cast and wrought iron work, for building and other purposes. Engines, machinery, patent fittings, sugar-mills, &c.

TO ARCHITECTS AND BUILDERS.

CHUBB'S WROUGHT-IRON and FIRE-PROOF DOORS and FRAMES, for strong Rooms. A large stock of the above, of all sizes, made in the best manner, and of different strengths, fitted with CHUBB'S PATENT DETECTOR LOCKS, throwing from two to seventy bolts, on sale, or to any moderate price. FIRE-PROOF SAFES of any size, and Patent Detector Locks and Latches for all purposes.—C. CHUBB and SON, sole Manufacturers, 57, St. Paul's-churchyard, London.

THE LOCK MANUFACTURERS of WOLVERHAMPTON versus CHUBB.—We, the undersigned, lock manufacturers of Wolverhampton, who have been awarded Prize Medals at the Great Exhibition, in consequence of certain statements put forth by them in their advertisement in the Wolverhampton Chronicle, of October 29 and 30, that their locks are the best and most secure before the public, and founding their claim to superiority on the ground of having special approbation accorded to their award. We hereby protest against such pretensions, and question their right to superiority, either for principle or workmanship; we declare our belief that, as locksmiths, we are equal in every respect to Messrs. Chubb, and we are authorized by the authority of Dr. Lyon Playfair, to state that the award of Special Approbation was intended to indicate that the excellence shown by the exhibitor generally merited approval, in addition to the objects especially included in the medal award. It was distinctly stated by his Royal Highness Prince Albert, in his speech at the close of the Exhibition, that the jurors did not attempt to decide on degrees of merit, but they rewarded all that had attained a certain degree of excellence. Now, we cannot think that the public will have the same difficulty to discover the grounds for such boasting (as different to the conduct of Messrs. Bramah, who also received Special Approbation with their Prize Medal), and we think that Messrs. Chubb should have been the last persons to put themselves forward after the great humiliation they must have experienced in having their locks picked by Mr. Hobbs.

We hereby challenge Messrs. Chubb to test their claims to superiority before a competent tribunal, as the only mode of arriving at the truth, the judges to be chosen partly by ourselves and partly by Messrs. Chubb, and the locks to be those shown by each of us at the re-opening of the Exhibition on the 1st of May last.

HENRY YATES. JOSEPH TAYLOR.
BENJAMIN WALTERS. CHARLES ADEY.
JAMES GIBBONS, jun. GEORGE HARLEY.
WILLIAM and JOHN LEA.

The above has twice appeared in the Wolverhampton Chronicle without being replied to by Messrs. Chubb; we therefore leave it to the discerning public to draw the inference.

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